

PETITION P2024-15 – 06/17/2024

**PROPOSED PERMANENT REGULATION OF THE
NEVADA STATE ENVIRONMENTAL COMMISSION**

AUTHORITY: §§1-318, NRS 445A.425 and 445A.520.

A PERMANENT REGULATION relating to water quality; making various changes in provisions that establish standards for water quality; and providing other matters properly relating thereto.

PETITION 2024-15 Changes to the Nevada Administrative Code revising the Nevada water quality regulations to remove Schroeder Reservoir NAC 445A.2182 from the NAC, adjust the reach description for the Beaver Dam Wash NAC 445A.2178, and remove references to offensive terms and align with name changes made by the United States Board on Geographic Names. The proposed regulation will also amend NAC 445A.1233 to remove the reference to the “2017 Review – Water Quality Standards for Salinity, Colorado River System” and replace it with language referencing the most current version of the document. NRS 233B.040(a) authorizes the adoption by reference of material published by another authority.

Proposed Revisions:

The proposed updates to the NAC are shown below with *additions in blue bold-italics* text and omissions in shown in red ~~strikethrough~~ text, bound by brackets:

Section 1. NAC 445A.2178 is hereby amended to read as follows:

Standards for Surface Water Quality

NAC 445A.2178 Colorado Region: Beaver Dam Wash. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Beaver Dam Wash *within the Nevada State boundary.* ~~[above Schroeder Reservoir.]~~
The Beaver Dam Wash is located in Lincoln County.

**STANDARDS OF WATER QUALITY
Beaver Dam Wash**

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT ^b - °C	 ΔT = 0	S.V. Nov-Apr S.V. ≤ 13 May ≤ 17 Jun ≤ 23 S.V. ≤ 2 Jul-Oct ΔT			*								
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5			*								
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. ≥ 5.0 Jun-Oct			*								
Total Phosphorus (as P) - mg/L	A-Avg. ≤ 0.01 S.V. ≤ 0.013	A ≤ Avg. 0.05			*	*							
Nitrate (as N) - mg/L	S.V. ≤ 0.22	S.V. ≤ 10.0						*					
Nitrite (as N) - mg/L		S.V. ≤ 0.06			*								
Total Ammonia (as N) - mg/L		c			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		d						*					
Alkalinity (as CaCO ₃) - mg/L		S.V. ≥ 20			*								
E. coli - cfu/100 mL ^e		≤ G.M. 126 S.V. ≤ 410				*							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen—mg/L	-	S.V. ≥ 6.0	-	-	*	-	-	-	-	-	-	-	-
Total Phosphorus (as P)—mg/L	-	S.V. ≤ 0.33	-	-	*	-	-	-	-	-	-	-	-
Total Ammonia (as N)—mg/L	-	^e	-	-	*	-	-	-	-	-	-	-	-
Total Dissolved Solids—mg/L	-	S.V. ≤ 500	-	-	-	-	-	*	-	-	-	-	-
E. coli—cfu/100 mL ^d	-	G.M. ≤ 126 S.V. ≤ 410	-	-	-	*	-	-	-	-	-	-	-
Fecal Coliform—No./100 mL	-	S.V. $\leq 1,000$	-	*	-	-	-	-	-	-	-	-	-
Toxic Materials	-	^e	-	-	-	-	-	-	-	-	-	-	-

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* = The most restrictive beneficial use.

X = Beneficial use.

^a Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

^b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

^c The water quality criteria for ammonia are specified in NAC 445A.118.

^d The geometric mean must not be exceeded in any 30-day period. The single value must not be exceeded in more than 10 percent of the samples collected within any 30-day period.

^e The water quality criteria for toxic materials are specified in NAC 445A.1236.

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— (Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R131-12, 12-20-2012; R102-16 & R109-16, 12-19-2017)

Section 3. NAC 445A.1288 is hereby amended to read as follows:

NAC 445A.1288 Black Rock Region: [~~Squaw Creek~~] Granite Mountain Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as [~~Squaw Creek~~] Granite Mountain Reservoir. [~~Squaw Creek~~] Granite Mountain Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY

[Squaw Creek] Granite Mountain Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Beneficial Uses			X	X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.											
Temperature - °C ΔT ^b - °C		S.V. ≤ 20 ΔT = 0			*									
pH - SU		S.V. 6.5 - 9.0			*									
Dissolved Oxygen - mg/L		S.V. ≥ 6.0			*									
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*								
Total Ammonia (as N) - mg/L		^c			*									
Total Dissolved Solids - mg/L		S.V. ≤ 500							*					
E. coli - cfu/100 mL ^d		G.M. ≤ 126 S.V. ≤ 410				*								
Fecal Coliform - No./100 mL		S.V. ≤ 1,000		*										
Toxic Materials		^e												

* = The most restrictive beneficial use.

X = Beneficial use.

^a Refer to [NAC 445A.122](#) and [445A.1282](#) for beneficial use terminology.

^b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

^c The water quality criteria for ammonia are specified in [NAC 445A.118](#).

^d The geometric mean must not be exceeded in any 30-day period. The single value must not be exceeded in more than 10 percent of the samples collected within any 30-day period.

^e The water quality criteria for toxic materials are specified in [NAC 445A.1236](#).

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R131-12, 12-20-2012; R102-16 & R109-16, 12-19-2017)

Section 4. NAC 445A.1518 is hereby amended to read as follows:

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Sulfate - mg/L		S.V. \leq 250							*					
Alkalinity (as CaCO ₃) - mg/L		S.V. \geq 20			*									
E. coli - cfu/100 mL ^e		\leq G.M. 126 S.V. \leq 410				*								
Fecal Coliform - No./100 mL		S.V. \leq 1,000		*										
Toxic Materials		f												

* = The most restrictive beneficial use.

X = Beneficial use.

^a Refer to [NAC 445A.122](#) and [445A.1432](#) for beneficial use terminology.

^b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

^c The water quality criteria for ammonia are specified in [NAC 445A.118](#).

^d One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

^e The geometric mean must not be exceeded in any 30-day period. The single value must not be exceeded in more than 10 percent of the samples collected within any 30-day period.

^f The water quality criteria for toxic materials are specified in [NAC 445A.1236](#).

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R131-12, 12-20-2012; R130-15, 4-4-2016; R102-16 & R109-16, 12-19-2017)

Section 5. NAC 445A.1522 is hereby amended to read as follows:

NAC 445A.1522 Humboldt Region: Rock Creek below ~~[Squaw Valley Ranch]~~ Willow Creek. ([NRS 445A.425](#), [445A.520](#)) The limits of this table apply to the body of water known as Rock Creek below ~~[Squaw Valley Ranch]~~ Willow Creek. This segment of Rock Creek is located in Elko, Eureka and Lander Counties.

STANDARDS OF WATER QUALITY
Rock Creek below ~~[Squaw Valley Ranch]~~ Willow Creek.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Beneficial Uses			X	X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern														
Temperature °C ΔT ^b - °C		S.V. ≤ 34 ΔT ≤ 3			*									
pH - SU		S.V. 6.5 - 9.0			*									
Dissolved Oxygen - mg/L		S.V. ≥ 5.0			*									
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*									
Nitrate (as N) - mg/L		S.V. ≤ 10						*						
Nitrite (as N) - mg/L		S.V. ≤ 1.0						*						
Total Ammonia (as N) - mg/L		c			*									
Total Suspended Solids - mg/L		S.V. ≤ 80			*									
Turbidity - NTU		S.V. ≤ 50			*									
Color - PCU		S.V. ≤ 75						*						
Total Dissolved Solids - mg/L		S.V. ≤ 500						*						
Chloride - mg/L		1-hr Avg. ≤ 860 ^d 96-hr Avg. ≤ 230			*									
Sulfate - mg/L		S.V. ≤ 250						*						
Alkalinity (as CaCO ₃) - mg/L		S.V. ≥ 20			*									
E. coli - cfu/100 mL ^e		G.M. ≤ 126 S.V. ≤ 410				*								
Fecal Coliform - No./100 mL		S.V. ≤ 1,000		*										
Toxic Materials		f												

* = The most restrictive beneficial use.

X = Beneficial use.

- a Refer to [NAC 445A.122](#) and [445A.1432](#) for beneficial use terminology.
- b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- c The water quality criteria for ammonia are specified in [NAC 445A.118](#).
- d One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
- e The geometric mean must not be exceeded in any 30-day period. The single value must not be exceeded in more than 10 percent of the samples collected within any 30-day period.
- f The water quality criteria for toxic materials are specified in [NAC 445A.1236](#).

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R131-12, 12-20-2012; R130-15, 4-4-2016; R102-16 & R109-16, 12-19-2017)

Section 6. NAC 445A.1928 is hereby amended to read as follows:

NAC 445A.1928 Walker Region: **[Squaw] Mud Spring Creek.** ([NRS 445A.425](#), [445A.520](#)) The limits of this table apply to the body of water known as **[Squaw] Mud Spring** Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M. **[Squaw] Mud Spring** Creek is located in Mineral County.

STANDARDS OF WATER QUALITY

[Squaw] Mud Spring Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT ^b - °C		S.V. ≤ 20 ΔT = 0			*								
pH - SU		S.V. 6.5 - 9.0			*								
Dissolved Oxygen - mg/L		S.V. ≥ 6.0			*								
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*							
Total Ammonia (as N) - mg/L		^c			*								
Total Dissolved		S.V. ≤ 500						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY CRITERIA TO PROTECT BENEFICIAL USES	Beneficial Uses ^a										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Solids - mg/L													
E. coli - cfu/100 mL ^d		G.M. ≤ 126 S.V. ≤ 410				*							
Fecal Coliform - No./100 mL		S.V. ≤ 1,000		*									
Toxic Materials		^e											

* = The most restrictive beneficial use.

X = Beneficial use.

^a Refer to [NAC 445A.122](#) and [445A.1882](#) for beneficial use terminology.

^b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

^c The water quality criteria for ammonia are specified in [NAC 445A.118](#).

^d The geometric mean must not be exceeded in any 30-day period. The single value must not be exceeded in more than 10 percent of the samples collected within any 30-day period.

^e The water quality criteria for toxic materials are specified in [NAC 445A.1236](#).

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R131-12, 12-20-2012; R102-16 & R109-16, 12-19-2017)

Section 7. NAC 445A.1233 is hereby amended to read as follows:

NAC 445A.1233 Cooperation regarding Colorado River; salinity standards. ([NRS 445A.425](#), [445A.520](#))

1. The State of Nevada will cooperate with the other Colorado River Basin states and the Federal Government to support and carry out the conclusions and recommendations adopted April 27, 1972, by the Reconvened 7th Session of the Conference in the Matter of Pollution of the Interstate Waters of the Colorado River and its Tributaries.

2. Pursuant to the *most current version of the* “[2017] Review, –Water Quality Standards for Salinity, Colorado River System,” as adopted by the Colorado River Basin Salinity Control Forum, *which provides* the flow weighted annual average concentrations for the calendar year for total dissolved solids in mg/L. *A copy of this document may be obtained free of charge from the Colorado River Basin Salinity Control Forum website, or by contacting the Nevada Division of Environmental Protection.* ~~[at the three lower main stem stations of the Colorado River are as follows:~~

<u>Station</u>	<u>Salinity in mg/L</u>
-	
<u>Below Hoover Dam</u>	<u>723</u>
<u>Below Parker Dam</u>	<u>747</u>
<u>At Imperial Dam</u>	<u>879</u>

[Environmental Comm'n, Water Pollution Control Reg. Appendix B, eff. 5-2-78]—(NAC A 12-3-84; R017-99, 9-27-99; R159-06, 9-18-2006; R130-10, 12-16-2010; R132-12, 12-20-2012; R109-16, 12-19-2017)—(Substituted in revision for NAC 445A.143)

Section 8. NAC 445A.2142 is hereby amended to read as follows:

NAC 445A.2142 Colorado Region: Designated beneficial uses. ([NRS 445A.425](#), [445A.520](#)) The designated beneficial uses for select bodies of water within the Colorado Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
Colorado River below Davis Dam	Colorado River, from Davis Dam to the California-Nevada state line, except for the length of the river within the exterior borders of the Fort Mojave Indian Reservation.	X	X	X	X	X	X	X	X	X				Adult cold-water fishery	NAC 445A.2146
Lake Mohave	The entire lake.	X	X	X	X	X	X	X	X				Adult cold-water fishery	NAC 445A.2147	

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Colorado River below Hoover Dam	From Hoover Dam to Willow Beach.	X	X	X	X	X	X	X	X	X				Adult cold-water fishery	NAC 445A.2148
Lake Mead	Lake Mead, excluding the area covered by NAC 445A.2154 , Inner Las Vegas Bay.	X	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.2152
Inner Las Vegas Bay	Lake Mead from the confluence of the Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay.	X	X	X		X		X	X					Warm-water fishery	NAC 445A.2154
Las Vegas Wash at the Historic Lateral	From the confluence of Sloan Channel and Las Vegas Wash to the Historic Lateral. This segment encompasses the discharge from Clark County wastewater treatment plant, the City of Las Vegas wastewater treatment plant and the City of Henderson wastewater treatment plant.	X	X	X		X				X			X	Warm-water fish.	NAC 445A.2156
Las Vegas Wash at Lake Mead	From the Historic Lateral to its confluence with Lake Mead.	X	X	X		X			X				X	Warm-water fish.	NAC 445A.2158

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Lake Las Vegas	The entire lake.		X	X	X	X				X				Warm-water fishery.	NAC 445A.2161
Virgin River at the state line	At the Arizona-Nevada state line, near Littlefield, Arizona.	X	X	X		X		X	X						NAC 445A.2162
Virgin River at Mesquite	From the Arizona-Nevada state line to Mesquite.	X	X	X		X		X	X						NAC 445A.2164
Virgin River at Lake Mead	From Mesquite to the river mouth at Lake Mead.	X	X	X		X		X	X						NAC 445A.2166
Muddy River at the Glendale Bridge	From the river source to the Glendale Bridge, except for the length of the river within the exterior borders of the Moapa Indian Reservation.	X	X	X	X	X	X	X	X						NAC 445A.2168
Muddy River at the Wells Siding Diversion	From the Glendale Bridge to the Wells Siding Diversion.	X	X	X	X	X		X	X						NAC 445A.2172
Muddy River at Lake Mead	From the Wells Siding Diversion to the river mouth at Lake Mead.	X	X	X	X	X		X	X						NAC 445A.2174
Meadow Valley Wash	From the bridge above Rox to its confluence with the Muddy River.	X	X	X		X		X	X						NAC 445A.2176

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars				
Beaver Dam Wash	<i>Within the Nevada state Boundary.</i> {Above Schroeder Reservoir.}	X	X	X	X	X	X	X	X							NAC 445A.2178
{Schroeder Reservoir.}	{The entire reservoir.}	{X}	{X}	{X}	{X}	{X}	{X}	{X}	{X}					{Trout}	{}	{NAC 445A.2182}
White River at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X			X						NAC 445A.2184
White River at Ellison Creek	From the national forest boundary to its confluence with Ellison Creek.	X	X	X	X	X	X	X	X	X				Trout		NAC 445A.2186
Dacey Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X							NAC 445A.2188
Sunnyside Creek	From its origin to Adams McGill Reservoir.	X	X	X	X	X	X	X	X							NAC 445A.2192
Adams McGill Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X							NAC 445A.2194
Hay Meadow Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout		NAC 445A.2196
Nesbitt Lake	The entire lake.	X	X	X	X	X	X	X	X							NAC 445A.2198
Pahrnagat Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X							NAC 445A.2202

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Bowman Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X						NAC 445A.2204
Eagle Valley Creek	From its headwaters to Eagle Valley Reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2206	
Eagle Valley Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2208	
Echo Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2212	
Clover Creek	From its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2214	
Irrigation	Irrigation														
Livestock	Watering of livestock														
Contact	Recreation involving contact with the water														
Noncontact	Recreation not involving contact with the water														
Industrial	Industrial supply														
Municipal	Municipal or domestic supply, or both														
Wildlife	Propagation of wildlife														
Aquatic	Propagation of aquatic life														
Aesthetic	Waters of extraordinary ecological or aesthetic value														
Enhance	Enhancement of water quality														
Marsh	Maintenance of a freshwater marsh														

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R037-19, 10-30-2019)

Section 9. NAC 445A.1282 is hereby amended to read as follows:

NAC 445A.1282 Black Rock Region: Designated beneficial uses. ([NRS 445A.425](#), [445A.520](#)) The designated beneficial uses for select bodies of water within the Black Rock Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference			
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars					
Smoke Creek	From the California-Nevada state line to the Smoke Creek Desert.	X	X	X	X	X											NAC 445A.1286
Granite Mountain Reservoir [Squaw Creek Reservoir]	The entire reservoir.	X	X	X	X	X	X	X	X						Trout		NAC 445A.1288
Negro Creek	From its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M.	X	X	X	X	X	X										NAC 445A.1292
Mahogany Creek	From its origin to the exterior border of the Summit Lake Indian Reservation.	X	X	X	X	X	X										NAC 445A.1296
Leonard Creek	From its origin to the first point of diversion, near the south line	X	X	X	X	X	X										NAC 445A.1298

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
	of section 12, T. 42 N., R. 28 E., M.D.B. & M.														
Bilk Creek, upper	From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	X	X	X	X	X	X			X					NAC 445A.13 02
Bilk Creek at Bilk Creek Reservoir	From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir.	X	X	X	X	X	X	X	X					Trout	NAC 445A.13 04
Bilk Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout	NAC 445A.13 06
Bottle Creek	From its origin to the first point of diversion, near the east line of section 23, T. 40 N., R. 32 E., M.D.B. & M.	X	X	X	X	X	X			X					NAC 445A.13 08
Quinn River, East and South Forks	From their origin to the confluence of the East and	X	X	X	X	X	X			X					NAC 445A.13 12

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
	South Forks, except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.														
Quinn River (the slough)	From the Oregon-Nevada state line in section 31, T. 48 N., R. 38 E., M.D.B. & M., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E., M.D.B. & M., except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.	X	X	X		X		X	X						NAC 445A.13 16
Irrigation	Irrigation														
Livestock	Watering of livestock														

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Contact	Recreation involving contact with the water														
Noncontact	Recreation not involving contact with the water														
Industrial	Industrial supply														
Municipal	Municipal or domestic supply, or both														
Wildlife	Propagation of wildlife														
Aquatic	Propagation of aquatic life														
Aesthetic	Waters of extraordinary ecological or aesthetic value														
Enhance	Enhancement of water quality														
Marsh	Maintenance of a freshwater marsh														

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R127-10, 12-16-2010; R129-10, 1-13-2011; R093-13, 12-23-2013)

Section 10. NAC 445A.1432 is hereby amended to read as follows:

NAC 445A.1432 Humboldt Region: Designated beneficial uses. ([NRS 445A.425](#), [445A.520](#)) The designated beneficial uses for select bodies of water within the Humboldt Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Humboldt River near Osino	From the upstream source of the main stem to Osino.	X	X	X	X	X	X	X	X					Warm-water fishery	NAC 445A.1436
Humboldt River at Palisade	From Osino to the Palisade Gage.	X	X	X	X	X	X	X	X					Warm-water fishery	NAC 445A.1438
Humboldt River at Battle Mountain	From the Palisade Gage to the Battle Mountain Gage.	X	X	X	X	X	X	X	X					Warm-water fishery	NAC 445A.1442

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars				
Humboldt River at State Highway 789	From the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River.	X	X	X	X	X	X	X	X						Warm-water fishery	NAC 445A.14 44
Humboldt River at Imlay	From where State Highway 789 crosses the Humboldt River to Imlay.	X	X	X	X	X	X	X	X						Warm-water fishery	NAC 445A.14 46
Humboldt River at Woolsey	From Imlay to Woolsey.	X	X	X	X	X	X	X	X						Warm-water fishery	NAC 445A.14 48
Humboldt River at Rodgers Dam	From Woolsey to Rodgers Dam.	X	X	X	X	X	X	X	X							NAC 445A.14 52
Humboldt River at the Humboldt Sink	From Rodgers Dam to the Humboldt Sink.	X	X	X	X	X		X	X							NAC 445A.14 54
The Humboldt Sink	The entire sink.	X	X	X		X		X	X							NAC 445A.14 55
Humboldt River, North Fork and tributaries at the national forest boundary	From their origin in the Independence Mountain Range to the national forest boundary.	X	X	X	X	X	X	X	X							NAC 445A.14 56
Humboldt River, North Fork at Beaver Creek	From the national forest boundary to its confluence with Beaver Creek.	X	X	X	X	X	X	X	X						Trout	NAC 445A.14 58

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference			
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh					
Humboldt River, North Fork at the confluence with the Humboldt River	From its confluence with Beaver Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X								NAC 445A.14 62
Humboldt River, South Fork at South Fork Reservoir, including tributaries above Lee	From its origin to South Fork Reservoir, including its tributaries above Lee, except for the length of the river and the lengths of its tributaries within the exterior borders of the South Fork Indian Reservation.	X	X	X	X	X	X	X	X								NAC 445A.14 64
South Fork Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X						Trout	NAC 445A.14 65	
Humboldt River, South Fork at the Humboldt River	From South Fork Reservoir to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X						Trout	NAC 445A.14 66	
Little Humboldt River	The entire length.	X	X	X	X	X	X	X	X							NAC 445A.14 68	
Little Humboldt River, North Fork at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X						Trout	NAC 445A.14 72	

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference			
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars					
Little Humboldt River, North Fork at the South Fork of the Little Humboldt River	From the national forest boundary to its confluence with the South Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X	X							NAC 445A.1474
Little Humboldt River, South Fork at the Elko-Humboldt county line	From its origin to the Elko-Humboldt county line.	X	X	X	X	X	X	X	X	X					Trout		NAC 445A.1476
Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	From the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X	X							NAC 445A.1478
Marys River, upper	From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.	X	X	X	X	X	X	X	X	X							NAC 445A.1482
Marys River at the Humboldt River	From the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X	X					Trout		NAC 445A.1484

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Tabor Creek	From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.	X	X	X	X	X	X	X	X							NAC 445A.14 86
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek.	X	X	X	X	X	X	X	X							NAC 445A.14 88
Maggie Creek at Jack Creek	From where it is formed by the Maggie Creek tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X					Trout		NAC 445A.14 92
Maggie Creek at Soap Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	X	X	X	X	X	X	X	X					Trout		NAC 445A.14 94
Maggie Creek at the Humboldt River	From its confluence with Soap Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X							NAC 445A.14 96
Secret Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X							NAC 445A.14 98

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
Secret Creek at the Humboldt River	From the national forest boundary to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 02
Lamoille Creek at the gaging station	From its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X	X	X						NAC 445A.15 04
Lamoille Creek at the Humboldt River	From gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X						NAC 445A.15 06
J.D. Ponds	The entire area.	X	X	X	X	X	X	X	X						NAC 445A.15 08
Denay Creek at Tonkin Reservoir	From its origin to Tonkin Reservoir.	X	X	X	X	X	X	X	X						NAC 445A.15 12
Tonkin Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X						NAC 445A.15 14
Denay Creek below Tonkin Reservoir	Below Tonkin Reservoir.	X	X	X	X	X	X	X	X						NAC 445A.15 16

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
Rock Creek at Willow Creek {Squaw Valley Ranch}	From its origin to Willow Creek. {Squaw Valley Ranch}	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 18
Rock Creek below Willow Creek {Squaw Valley Ranch}	Below Willow Creek. {Squaw Valley Ranch}	X	X	X	X	X	X	X	X						NAC 445A.15 22
Willow Creek at Willow Creek Reservoir	From its origin to Willow Creek Reservoir.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 24
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 26
North Antelope Creek	From its origin to its confluence with Antelope Creek.	X		X	X	X		X	X						NAC 445A.15 27
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 28
Water Canyon Creek	From its origin to the point of diversion of the	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 32

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
	Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M.														
Martin Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 34
Martin Creek below the national forest boundary	From the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 36
Dutch John Creek	The entire length.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 38
Huntington Creek at the White Pine-Elko county line	From its origin to the White Pine-Elko county line.	X	X	X	X	X	X	X	X						NAC 445A.15 42
Huntington Creek at Smith Creek	From the White Pine-Elko county line to its confluence with Smith Creek.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 44
Huntington Creek at the South Fork of the Humboldt River	From its confluence with Smith Creek to its confluence with the South Fork of the	X	X	X	X	X	X	X	X						NAC 445A.15 46

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
	Humboldt River.														
Green Mountain Creek at Toyn Creek	From its origin to its confluence with Toyn Creek.	X	X	X	X	X	X	X	X						NAC 445A.15 48
Toyn Creek at Corral Creek	From its confluence with Green Mountain Creek to its confluence with Corral Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.15 52	
Toyn Creek at Green Mountain Creek	From its origin to its confluence with Green Mountain Creek.	X	X	X	X	X	X	X	X					NAC 445A.15 54	
Reese River at Indian Creek	From its origin to its confluence with Indian Creek, except for the length of the river within the exterior borders of the Yomba Indian Reservation.	X	X	X	X	X	X	X	X				Trout	NAC 445A.15 56	
Reese River at State Route 722	From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50), except for the length of the river within the exterior borders of the Yomba Indian	X	X	X	X	X	X	X	X				Trout	NAC 445A.15 58	

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
	Reservation.														
Reese River below State Route 722	North of State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X						NAC 445A.15 62
San Juan Creek	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 64
Big Creek at the forest service campground	From its origin to the east boundary of the United States Forest Service's Big Creek Campground.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 66
Big Creek below the forest service campground	From the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M.	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 68
Mill Creek	From its origin to the first point of diversion, near the south line of section	X	X	X	X	X	X	X	X					Trout	NAC 445A.15 72

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
	22, T. 29 N., R. 44 E., M.D.B. & M.														
Lewis Creek	From its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X	X	X					Trout	NAC 445A.1574
Iowa Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout	NAC 445A.1576
Starr Creek	From the confluence of Ackler and Herder Creeks to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					Trout	NAC 445A.1578
Irrigation	Irrigation														
Livestock	Watering of livestock														
Contact	Recreation involving contact with the water														
Noncontact	Recreation not involving contact with the water														
Industrial	Industrial supply														
Municipal	Municipal or domestic supply, or both														
Wildlife	Propagation of wildlife														
Aquatic	Propagation of aquatic life														
Aesthetic	Waters of extraordinary ecological or aesthetic value														
Enhance	Enhancement of water quality														
Marsh	Maintenance of a freshwater marsh														

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011; R130-12, 12-20-2012; R102-14, 10-24-2014; R103-14, 12-22-2014; R130-15, 4-4-2016; R109-16, 12-19-2017)

Section 11. NAC 445A.1882 is hereby amended to read as follows:

NAC 445A.1882 Walker Region: Designated beneficial uses. (NRS 445A.425, 445A.520) The designated beneficial uses for select bodies of water within the Walker Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
Walker River, West Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1886
Topaz Lake	At various points in Topaz Lake.	X	X	X	X	X	X	X	X	X				Rainbow trout, cutthroat trout, brown trout, kokanee salmon and silver salmon	NAC 445A.1888
Walker River, West Fork near Wellington	From the California-Nevada state line to near Wellington.	X	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1892
Walker River, West Fork at the East Fork at the Walker River	Near Wellington to its confluence with the East Fork of the Walker River near Nordyke Road.	X	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	NAC 445A.1894
Sweetwater Creek	From the California-Nevada state line to its confluence with the East Fork of the Walker River.	X	X	X	X	X	X	X	X	X				Mountain whitefish, brown trout, brook trout and rainbow trout	NAC 445A.1896

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars			
Walker River, East Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1898
Walker River, East Fork at Bridge B-1475	From the California-Nevada state line to Bridge B-1475.	X	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1902
Walker River, East Fork at the West Fork of the Walker River	From Bridge B-1475 to its confluence with the West Fork of the Walker River near Nordyke Road.	X	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	NAC 445A.1904
Walker River at the Walker River Indian Reservation	From the confluence of the East Fork of the Walker River and the West Fork of the Walker River to the exterior border of the Walker River Indian Reservation.	X	X	X	X	X	X	X	X	X				Channel catfish and largemouth bass	NAC 445A.1906
Walker River at Walker Lake	From the exterior border of the Walker River Indian Reservation to Walker Lake.	X	X	X	X	X	X	X	X	X				Channel catfish, largemouth bass and, from February through June when an adequate flow	NAC 445A.1908

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
														exists, adult Lahontan cutthroat trout and adult rainbow trout	
Walker Lake	The entire lake.			X	X	X				X				Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout	NAC 445A.19 14
Desert Creek	From the California-Nevada state line to its confluence with the West Fork of the Walker River.	X	X	X	X	X	X	X	X					Brown trout, brook trout and rainbow trout	NAC 445A.19 16
Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough	Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X					Trout	NAC 445A.19 18
Mason Valley Wildlife Management Area	All surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X						NAC 445A.19 22

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Mars				
Cottonwood Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 34, T. 9 N., R. 28 E., M.D.B. & M.	X	X	X	X	X	X			X						NAC 445A.19 26
Mud Spring Creek {Squaw Creek}	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X			X						NAC 445A.19 28
Rose Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 4, T. 8 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X			X						NAC 445A.19 32
Corey Creek	From its origin to the point of diversion of the town of Hawthorne, near the	X	X	X	X	X	X			X						NAC 445A.19 34

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	west line of section 3, T. 7 N., R. 29 E., M.D.B. & M.													
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact with the water													
Noncontact	Recreation not involving contact with the water													
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or both													
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R093-13, 12-23-2013)